

STATINTL

COUNCIL ON ENVIRONMENTAL QUALITY
WASHINGTON, D. C.

Mr. Pardon

Ray,

Here is one copy of this material for your files.

Would you kindly pass the other to CIA, and see if they have any advice to give, particularly about the forthcoming pipeline visit.

This one is related intimately to our Permafrost project, and I am sending a copy to Ron Skoog as well.

I will also copy to Oz Ganley.

Also for your information, a copy of a brief

Jack Perry

pipelines in
permafrost areas
and by us

DOI Declassification & Release Instructions on File - No Referral to DOI

December 14, 1973

Dr. A. O. K. Karayev
Chief, Technical-Economic
Administration
Ministry of the Oil Industry
ul. M. Toreza, 26/1
Moscow, Zh-35
USSR 109823

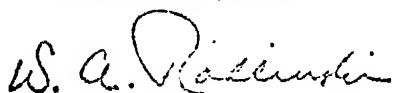
Dear Dr. Karayev:

In accordance with our protocol of October 7, 1973, and the Memorandum of the Second Meeting of the US-USSR Joint Committee on Cooperation in the Field of Environmental Protection, Washington, D.C., November 13-16, 1973, you are cordially invited to the United States in May 1974 for visits and discussions on the subject of Protection of the Environment During Well Drilling, Production, and Pipeline Transportation of Oil and Gas.

Enclosed are two proposed schedules. Please select either one, or suggest changes, which we will try to accommodate. More details will be furnished after we have agreed on the dates and the itinerary.

We look forward to your visit and will do everything possible to make it enjoyable and profitable in the interests of environmental protection. It was especially good to see you in Washington and have the opportunity for some discussion concerning our joint project. I hope you had a pleasant trip home.

Sincerely yours,



W. A. Radlinski
Associate Director

Enclosures

cc:

Warren Marshall, Shell Oil Company

EGS: General Files

Director's Chron

WARadlinski Chron

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WARadlinski:flb

JOINT US-USSR WORKING GROUP

Project VI.1. Protection of the environment during well drilling production, and pipeline transportation of oil and gas

ALTERNATE SCHEDULE FOR VISIT TO U.S.
OF U.S.S.R. DELEGATION, MAY 4-20, 1974

May 04	Saturday	Arrive New York. Remain overnight.
05	Sunday	AM - Travel to Houston. PM - Working Group session.
06	Monday	Offshore Technology Conference.*
07	Tuesday	Offshore Technology Conference.*
08	Wednesday	Technical discussions.
09	Thursday	Discussions with American Petroleum Institute (API).
10	Friday	Visits to research laboratories.
11	Saturday	Visits to research laboratories.
12	Sunday	Travel to New Orleans.
13	Monday	Briefing on operations in Gulf of Mexico.
14	Tuesday	Visit to offshore operations in Gulf of Mexico.
15	Wednesday	Travel to Los Angeles.
16	Thursday	Visit onshore facilities.
17	Friday	Visit offshore platforms in Santa Barbara.
18	Saturday	Travel to San Francisco--visit refinery.
19	Sunday	Working Group session.
20	Monday	Leave San Francisco for USSR.

* To see and discuss petroleum equipment on exhibit.

JOINT US-USSR WORKING GROUP

Project VI.1. Protection of the environment during well drilling production, and pipeline transportation of oil and gas

PROPOSED SCHEDULE FOR VISIT TO U.S.
OF U.S.S.R. DELEGATION, MAY 14-30, 1974

May 14	Tuesday	Arrive New York. Remain overnight.
15	Wednesday	Travel to Los Angeles.
16	Thursday	AM - Working Group session PM - Visit to onshore production facilities (Wilmington field)
17	Friday	Visit to offshore platforms in Santa Barbara Channel
18	Saturday	Technical discussions.
19	Sunday	Travel to New Orleans.
20	Monday	Briefing on operations in Gulf of Mexico.
21	Tuesday	Visit to offshore drilling operations.
22	Wednesday	Visit to offshore production platforms.
23	Thursday	AM - Visit to onshore facilities (Avery Island) PM - Travel to Houston.
24	Friday	Visit to research laboratories.
25	Saturday	Technical discussions.
26	Sunday	Technical discussions.
27	Monday	Discussions with American Petroleum Institute (API).
28	Tuesday	Visit to research laboratories.
29	Wednesday	Working Group session.
30	Thursday	Leave Houston for USSR.



United States Department of the Interior

GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

OFFICE OF THE DIRECTOR

December 28, 1973

Mr. Jack Perry
Special Assistant to the Chairman
Council on Environmental Quality
722 Jackson Place, N.W.
Washington, D.C. 20006

Dear Jack:

After reading your December 14 memorandum to project chairmen, I realized I probably should have sent the enclosed letter to Karayev through you and the embassy. If you think this would still be useful, please do.

Concerning a report of our trip to the USSR, I previously sent you a copy of our "protocol." Enclosed is a very detailed record of our visit prepared by Doug Alverson from the Geological Survey, a member of our delegation. We are still in the process of preparing a more official report for you, which will be essentially Doug's record, with some of the nitty gritty left out.

I believe I also sent you a copy of our proposal for an exchange visit concerned with pipelines in perma-frost areas. A copy is also enclosed. This was handed to Karayev during his visit.

Happy new year.

Sincerely yours,

W. A. Radlinski
Associate Director

Enclosures

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United States Department of the Interior



OFFICE OF THE DIRECTOR

GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

November 12, 1973

DR. A. G. Karayev
Chief, Technical & Economic
Administration
Ministry of the Oil Industry
of USSR
Moscow, USSR

Dear Dr. Karayev:

I am enclosing a draft proposal for a joint USSR-USA project on oil and gas pipeline transport in permafrost areas. Thank you for agreeing to pursue this matter with the Ministry of Gas.

The proposal is in accordance with the agreement of the USA-USSR Joint Committee on Cooperation in the Field of Environmental Protection, on May 25, 1973, which states in part under section VI, 1. "The two sides also agreed to exchange visits and information on pipeline transport, particularly through permafrost areas."

I suggest that if the project is accepted by your country that it be conducted under the auspices of our Joint Committee.

Many thanks to you and others from your Ministry for making our visit to the Soviet Union most pleasant and profitable. It was a pleasure working with you. We look forward to your visit to the USA and our continuing cooperation.

Sincerely yours,

W. A. Radlinski

W. A. Radlinski
Associate Director

Enclosure

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Proposal for Joint USSR/US Environmental Project

on

OIL AND GAS PIPELINE TRANSPORT IN PERMAFROST AREAS

Objectives

Mutual examination of U. S. and Soviet oil and gas pipeline projects and familiarization with current theory and application of Arctic and Subarctic pipeline planning and technology with emphasis on the anticipation, identification, and avoidance or mitigation of environmental problems.

Procedures

Formation of a joint study group of U. S. scientists and technologists and their Soviet counterparts to travel together to selected pipeline locations in the USSR and United States to view, study, and discuss currently operative and proposed oil and gas pipeline in permafrost terrain. The size of the group would consist of about 6-8 specialists from each country. From the USA there would be representatives from the Bureau of Land Management, U. S. Geological Survey, Bureau of Sport Fisheries and Wildlife, Office of Pipeline Safety, and the Alyeska Pipeline Service Co.

Emphasis would be on joint examination and expert briefings by project planners, technicians, managers, and regulators. All efforts would emphasize design and technology related to various aspects of environmental protection, and on the elimination and control of potential polluting events.

The same group would travel together in both countries to maximize the opportunity for personal acquaintance and to allow firsthand comparison of environmental protection procedures now in use and planned.

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Timing

The initial phase should involve approximately six weeks joint travel and provide the basis for subsequent individual exchanges covering specific work study arrangements in selected fields of interest. The inspection trip should begin about June 1, 1974.

Funding

Funding would be provided by the parent agencies of the individuals selected for the joint study group.

Tentative itinerary

Day 1--Project members assemble in Anchorage, Alaska, for briefing and orientation.

Day 3-15--Traverse along proposed Trans-Alaska Pipeline route via fixed-wing aircraft with appropriate stops such as at Copper River Basin construction pad test, Fairbanks hot pipe test site, Yukon Crossing and Hess Creek permafrost exposures, Gas Arctic pipe test installation and other facilities, Prudhoe Bay, cold pipe test loop, Barrow.

Day 15--Return to Anchorage, Alaska

Day 16--Depart Anchorage, Alaska, for Tokyo, Japan

Day 17--Arrive Tokyo, Japan

Day 18--Depart Tokyo, Japan, for Khabarovsk and on to Yakutsk

Day 19--Visit USSR Academy of Science Permafrost Institute at Yakutsk

Day 20-40--Visit Soviet pipeline facilities at Yakutsk, Tomsk, Omsk, Kurgon, Tyumen, Norilsk, Nadyn, and Ukhta

Day 41--Arrive Moscow

Day 42--U.S. participants depart for USA

Benefits

USA--The USA would benefit primarily from direct study of operating Soviet Arctic and Subarctic pipeline systems and from observation of environmental effects that accompany them.

USSR--The USSR would benefit primarily from increased awareness of Alaskan pipeline planning, design, and operating features that reflect acute concern for environmental protection.

Both the USA and USSR would benefit from increased personal contact between scientists and technicians working on common problems, and from any further exchange and joint research on specific problems related to various aspects of pipelines and environmental protection.